

# Town Hall

- Acquisition Streamlining my foot. Fog of Acquisition
- Everyone on your project should be able to state what this project is for. Put a man on the moon versus wouldn't it be nice to have a space station. Top Priorities must be established and agreed to. Key points defined.
- How are we going to get excellent young workers in the t&e business?
  - **Audience Response:** How to get young people in T&E: offer scholarship programs involving summertime work at t&e facilities. Govt pay differentials to doctors, pilots, lawyers, etc – should govt give differentials to young engineers in the T&E field and the like? Eliminate cap (Executive Level V).
  - **Audience Response:** Travel requirements are daunting in this field. Seemingly cheap wrt to sending people on travel.
- How to improve defense company's business/financial portfolios versus cut-throat competition.

# Town Hall

- Contractor involvement/participation in Operational Testing for learning. Statistical confidence in tests built-in to the design of tests. OT for learning.
- Contractor involvement in OT. Contractor access to OT and OT data.
- **Q&A Session:**
- **Q:** Testing of commercial infrastructure? Can we do it and who should do it? ???

## Town Hall Q&A, cont.

- **Q:** Focus on pass/fail following testing prohibits additional learning from the test. **A:** The evaluation is not really pass or fail. The evaluation looks at the broader picture and does not focus on a pass/fail answer. There is evaluation following testing.
- **Q:** Shouldn't fundamental research be performed by industry, not just by government. **A:** Research is done if affordable and shows potential for profit. Industry must answer to stockholders. Companies do invest in early prototype efforts (over a decade investment IRAD into F22). Balance between requirements and affordability. Industry investment in R&D driven by economics, return on investment; production base provides cash.
- **Q:** Recent changes in 5000: success or failure. **A:** too early to tell. Cosmetic change. Clock starts later, that's all.

## Town Hall Q&A, cont.

- **Q:** DT is now typically contractor testing. Is this causing the rise in failures seen at OT? **A:** Consequences of budget streamlining is more to blame.
- **Comment:** When working on a cost basis, ideas are not free flowing. The environment is restrictive.
- **Comment:** Good testing produces good weapon systems. Systems of systems testing may not be fully understood. Adequate resources are essential to accomplish good systems-of systems testing.

## Town Hall Q&A, cont.

- **Q:** Should the Pentagon/government personnel review industry IRAD? **A:** Used to be good participation with favorable results. Spotty participation now. Some are helpful and some are not.
- **Q:** Is there a difference between the services wrt contractor access to OT and OT data. **A:** – yes there is. Army better.
- **Q:** Castino model for a stamp of approval on cots items for use by military. Testing of COTS items to mil stds? **A:** Obsolete parts is our biggest headache. Buy from commercial one month, come back in 18 and they no longer make that part. Commercial not willing to make the investment for making their products “spec’d” for the military.
- **Q:** How can we insensitize our PMs to making performance the top priority? **A:** Priorities are not the same for all programs. Better, faster, CHEAPER, is often heard.

## Synthesis Panel

- Should be the policy of the DOD procurement of weapons should be done in two stages one award to contractors to the point of the prototype for profit even if no production is achieved at that point, then certain degree of profit to those that end up producing. Cost plus fixed fee. Incentive Fee. Award fee.
- Should be the policy of the DOD...re-evaluation of allowable and proper contractor involvement in operational testing.
- ...T&E address reliability and sustainability from the point of view of life-cycle logistics and support costs.
- ...seek from the EPA permission for selective relaxation ... of environmental requirements for training and testing

- ...allocation of ... T&E tax or separate line-item for T&E...portion of a program should be for “good” T&E...
- ...T&E funding should be fixed and independent from program office...
- ...stability of requirements...requirements for SW intensive systems be blocked ...user willing to go to war with if he never got the next block...
- ...concentration of OT be on mission performance, combined DT/OT for system performance...
- Addressing the size of the T&E infrastructure we should seek best value for the taxpayer rather than simply reducing infrastructure.. Should retain all air and land space we currently have...

- ...a portion of the O&S cost savings should be returned to those that generate them...
- ...central repository of lessons learned on testing...
- ...feedback loop for user lessons learned after fielding...
- ...RDT&E develop adopt and use effectiveness performance measurement system...
- ...apply risk management principles (probability, expected return, ...) to RDT&E decision making [on the acquisition of systems] ...need for a metric to qualify the value of a successfully developed system...
- ...FYDP RDT&E funds be ...placed in lock box only..
- ...support the multi-year budget discussion, purchasing, funding stability...funding stability multi-year..to encourage funding stability in all activities...